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10/527,136	03/08/2005	Joanna Ng	CA920020069US1	9461
25259	7590	11/13/2009	EXAMINER	
IBM CORPORATION 3039 CORNWALLIS RD. DEPT. T81 / B503, PO BOX 12195 RESEARCH TRIANGLE PARK, NC 27709			MCADAMS, BRAD	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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RSWIPLAW@us.ibm.com

Office Action Summary	Application No. 10/527,136	Applicant(s) NG ET AL.	
	Examiner ROBERT B. MCADAMS	Art Unit 2456	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 September 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 4-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 4-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to the amendment filed on September 04, 2009.
2. Claims 1, 2 and 4-21 are pending.

Response to Arguments

Terminal Disclaimer

3. The terminal disclaimer filed on 07/06/2009 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of 10/527135 has been reviewed and is accepted. The terminal disclaimer has been recorded. Claims 1, 2 and 4-21 remain provisionally rejected on the grounds of nonstatutory obviousness-type double patenting over Application No. 10/527,135 until said application has been patented.

Claim Rejections - 35 USC § 112

4. Applicant's arguments and amendment to the claims, see Paragraph 0008, filed 09/04/2009, with respect to Claims 13 and 16 have been fully considered and are persuasive. The 35 U.S.C 112 rejection of Claims 13 and 16 have been withdrawn.

Claim Rejections - 35 USC § 101

5. Applicant's arguments and amendments to the claims, see Paragraphs 0005-0007, filed 09/04/2009, with respect to Claims 1-19 and 21 have been fully considered but are not persuasive. In particular, Independent Claims 1, 12 and 16 recite a complete software application. The amendment, "the shared portlet application session object stored on a memory and executed by a processor", only limits the shared portlet application session object portion of said application to being stored on a memory and executed by a processor but not the whole software application. As to amended Claim 21, "An article" is claimed. However the specification still describes said article as including a medium, said medium being a non-statutory carrier signal (Page 16, Lines 4-10).

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. **Claim 21** is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 21 is indefinite for being dependent on a cancelled Claim 3.

Comment [b1]: how do examine claim 21? tell applicant.

Claim Rejections - 35 USC § 102

Comment [b2]: Where is your response to applicant remark regard 102 rejection?

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. **Claims 1, 2 and 4-21** are rejected under 35 U.S.C. 102(b) as being anticipated by "Portlet Development Guide" Edition 1.1, pp. 1-59 issued to *Hesmer et al* on January 30, 2002 (hereinafter "*Hesmer*").

Comment [b3]: Also identified by IDS dated.

As to **Claims 1 and 21**, *Hesmer* discloses an apparatus for a portal server system for managing a collection of associated portlets responsive to user requests to access a web application, (**Section 2 – Overview; Page 5**), the apparatus comprising:

a shared portlet application session object for saving parameters from user requests of associated portlets, the portlet application session object accessible by each portlet in a portlet application and configured to allow each portlet in the portlet application to share a common web application session, the portlet application session object stored on a memory and executed by a processor (**Parameters from user requests of associated portlets are stored in Portlet Session Objects which are used to store information that is shared between all portlets. Section 3.7 – PortletSession; Page 21-23**); and

a portlet application communication client linked to said shared portlet application session object for communicating between said associated portlets and said web

Art Unit: 2456

application to convey user requests received from said associated portlets to said web application through the common web application session **(The Portal Container contains an Event Listener in which user requests are monitored and pass communications between the web application and the associated portlets within the Portlet Session. Section 5.1 - Portlet Events and Section 5.1.1 - Action Events; Pages 37-38).**

As to **Claim 2**, *Hesmer* further discloses wherein said portlet application communication client stores user session information **(The Portal Container stores user session information in the PortletSession Object. Section 5.1 – Portal Events; Page 37).**

As to **Claim 4**, *Hesmer* further discloses wherein said associated portlets have portlet request parameter maps for storing data and instructions from user requests to said portlets **(Data and instructions from user requests are mapped to the appropriate Action Listener for storage. Section 5.1.1 - Action Events; Page 38).**

As to **Claim 5**, *Hesmer* further discloses wherein a portlet application is adapted to operate on said portal server system for managing said collection of associated portlets **(Section 2 – Overview; Page 5).**

As to **Claims 6 and 7**, *Hesmer* further discloses wherein said portlet application communication client has access to a user session information store for storing user session information. **(The Portal Container stores user session information in the PortletSession Object. Section 5.1 – Portal Events; Page 37)**

As to **Claim 8**, *Hesmer* further discloses wherein said user session information includes user session information for mapping said user session information to a corresponding session of said web application **(The PortletSession information contains maps or data for mapping the virtual instance to the web application. Section 3.7 – PortletSession; Page 21).**

As to **Claim 9**, *Hesmer* further discloses wherein said user session information is selected from the set comprising: user id, user credentials, language preferences, session timeout information, session id, for mapping said user session information to a corresponding session of said web application **(PortletSessions are created and mapped during a user login, said login including user id and credentials. Section 3.1 – Portlet – login(); Pages 10-11 and Section 3.7 – PortletSession; Page 21 and Section 7.1 Basic Authentication; Page 7.1).**

As to **Claim 10**, *Hesmer* further discloses wherein said portlet application communication client has a request buffer for storing requests from said associated portlets to enable said communication client to provide data and instructions for said

web application (**Portlet Container stores requests in a queue buffer. Section 5.1 – Portlet Events; Page 37**).

As to **Claim 11**, *Hesmer* further discloses wherein said communication client has a request buffer for storing requests from said portlet request parameter maps of said associated portlets to enable said communication client to provide data and instructions for said web application (**Portlet Container stores requests in a queue buffer. Section 5.1 – Portlet Events; Page 37**).

As to **Claim 12**, *Hesmer* further discloses a portlet application for managing a collection of associated portlets in a portal, for operating on a server providing access to a web application by a user (**Section 2 – Overview; Page 5**);

said associated portlets having portlet request parameter maps storing data and instructions from user requests to said portlets (**Data and instructions from user requests are mapped to the appropriate Action Listener for storage. Section 5.1.1 - Action Events; Page 38**);

a shared portlet application session object for saving parameters from user requests of associated portlets, the portlet application session object accessible by each portlet in a portlet application and configured to allow each portlet in the portlet application to share a common web application session, the portlet application session object stored on a memory and executed by a processor (**Parameters from user requests of associated portlets are stored in a Portlet Session Objects which are**

to store information that is shared between all portlets. Section 3.7 – PortletSession; Page 21-23);

a shared portlet application session data store controlled by said shared portlet application session object, the shared portlet application session data store configured to store request parameters from incoming user requests to each portlet in the portlet application **(The Portal Container stores shared user session information in the portlet's Class Variables which are shared between all portlets. Section 3.7 – PortletSession; Page 21);**

a portlet application communication client linked to said shared portlet application data store for communicating between said associated portlets and said web application through the common web application session to convey user requests received from said associated portlets to said web application **(The Portal Container contains an Event Listener in which user requests are monitored and pass communications between the web application and the associated portlets within the Portlet Session. Section 5.1 - Portlet Events and Section 5.1.1 - Action Events; Pages 37-38); and**

said communication client having a request buffer for storing requests from portlet request parameter maps of said associated portlets to enable said communication client to provide data and instructions for said web application **(Data and instructions from user requests are mapped to the appropriate Action Listener for storage. Section 5.1.1 - Action Events; Page 38).**

As to **Claim 13**, *Hesmer* further discloses wherein said user session information is selected from the set comprising: user id, user credentials, language preferences, session timeout information, session id, for mapping said user session information to a corresponding session of said web application; said session timeout information including session timeout information of said portal server and said web application **(PortletSessions are created and mapped during a user login, said login including user id and credentials. Section 3.1 – Portlet – login(); Pages 10-11 and Section 3.7 – PortletSession; Page 21 and Section 7.1 Basic Authentication; Page 7.1).**

As to **Claims 14-15, 17 and 19**, *Hesmer* further discloses including synchronization means for said portlet application communication client for matching session timeouts between said portal server and said web application by reauthenticating said user if said web application times out before said portal server **(During each PortletSession, authentication information is retrieved from the PortletSession Object and subsequently reauthenticates the user as such in a timeout event. Section 7 – Using Single Sign-on; Pages 55-56).**

As to **Claims 16 and 20**, *Hesmer* further discloses an apparatus for a portal server adapted to operate a web portal to provide access to a web application; having a portlet application operating on said portal server, for managing a collection of associated portlets **(Section 2 – Overview; Page 5)**; wherein said portlet application includes: means to initiate portlets on requests of a user to access said web application;

means to manage a shared portlet application session object for said portlets; and, a shared portlet application session data store controlled by said portlet application session object for saving parameters from user requests for associating said portlets with said shared portlet application session object **(Parameters from user requests of associated portlets are stored in Portlet Session Objects. Shared portlet application session data store includes Portlet Class Variables which are used to store information that is shared between all portlets. Section 3.7 – PortletSession; Page 21-23)**, the apparatus comprising:

a portlet application communication client linked to said shared portlet application session data store for communicating between said associated portlets and said web application to convey user requests received from said associated portlets to said web application **(The Portal Container contains an Event Listener in which user requests are monitored and pass communications between the web application and the associated portlets within the Portlet Session. Section 5.1 - Portlet Events and Section 5.1.1 - Action Events; Pages 37-38)** through a common web application session shared by each portlet in the portlet application, wherein the shared portlet application session data store is shared by each portlet in a portlet application and is configured to allow each portlet in the portlet application to share session information through the shared portlet application session object, the shared portlet application session object **(Portlet Class Variables. Section 3.7 – PortletSession; Page 21-23)**; and

said portlet application communication client having a user session information store for storing user session information including selected information from the set of the following user session information: user id, user credentials, language preferences, session timeout information, session id, for mapping said user session information to a corresponding session of said web application (**PortletSessions are created and mapped during a user login, said login including user id and credentials. Section 3.1 – Portlet – login(); Pages 10-11 and Section 3.7 – PortletSession; Page 21 and Section 7.1 Basic Authentication; Page 7.1).**

As to **Claim 18**, *Hesmer* further discloses an apparatus for a portal server system for managing a collection of associated portlets responsive to user requests to access a web application, (**Section 2 – Overview; Page 5**), the apparatus comprising:

said associated portlets have portlet request parameter maps for storing data and instructions from user requests to said portlets (**Data and instructions from user requests are mapped to the appropriate Action Listener for storage. Section 5.1.1 - Action Events; Page 38**);

a shared portlet application session object for saving parameters from user requests of associated portlets, the portlet application session object accessible by each portlet in a portlet application and configured to allow each portlet in the portlet application to share a common web application session, the portlet application session object stored on a memory and executed by a processor (**Parameters from user requests of associated portlets are stored in Portlet Session Objects which are**

used to store information that is shared between all portlets. Section 3.7 – PortletSession; Page 21-23); and

a portlet application communication client linked to said shared portlet application session object for communicating between said associated portlets and said web application to convey user requests received from said associated portlets to said web application through the common web application session **(The Portal Container contains an Event Listener in which user requests are monitored and pass communications between the web application and the associated portlets within the Portlet Session. Section 5.1 - Portlet Events and Section 5.1.1 - Action Events; Pages 37-38);**

said communication client has a request buffer for storing requests from portlet parameter maps of said associated portlets to enable said communication client to provide data and instructions for said web application **(Portlet Container stores requests in a queue buffer. Section 5.1 – Portlet Events; Page 37).**

Conclusion

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ROBERT B. MCADAMS whose telephone number is (571)270-3309. The examiner can normally be reached on Monday-Thursday 6:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2456

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/R. B. M./
Examiner, Art Unit 2456